



Model	Indoor Mini Dome IR FIX DOME						Indoor Dome DOME	Outdoor Dome IR FIX DOME
	SSC-YM401R	SSC-YM411R	SSC-YM501R	SSC-YM511R	SSC-CM461R	SSC-CM561R	SSC-CR481	SSC-CM565R
Image device	1/3" 760H Super HAD CCD II	1/3" 760H Super HAD CCD II	1/3" 960H EXview HAD CCD II	1/3" 960H EXview HAD CCD II	1/3" 760H Super HAD CCD II	1/3" 960H EXview HAD CCD II	1/4" Exview HAD CCD	1/3" 960H EXview HAD CCD II
Day/Night	Electrical D/N	Electrical D/N	Optical D/N	Optical D/N	Optical D/N	Optical D/N	Optical D/N	Optical D/N
Number of effective pixels	Approx. 440,000 pixels 752 (H) x 582 (V)	Approx. 440,000 pixels 752 (H) x 582 (V)	Approx. 570,000 pixels 976 (H) x 582 (V)	Approx. 570,000 pixels 976 (H) x 582 (V)	Approx. 440,000 pixels 752 (H) x 582 (V)	Approx. 570,000 pixels 976 (H) x 582 (V)	Approx. 440,000 pixels 752 (H) x 582 (V)	Approx. 570,000 pixels 976 (H) x 582 (V)
Horizontal resolution	540 TVL	540 TVL	650 TVL	650 TVL	540 TVL	700 TVL (Sharp mode) 650 TVL (Normal mode)	550 TVL	700 TVL (Sharp mode) 650 TVL (Normal mode)
Vandal Resistant	-	-	-	-	-	-	-	IK09
Ingress Protection	-	-	-	-	-	-	-	IP66
Minimum illumination Color	50 IRE 0.06 lx 30 IRE 0.04 lx	0.06 lx 0.04 lx	0.06 lx 0.04 lx	0.06 lx 0.04 lx	0.06 lx 0.04 lx	0.06 lx 0.04 lx	1.4 lx 0.9 lx	0.06 lx 0.04 lx
Minimum illumination B/W	50 IRE 0 Ix 30 IRE 0 Ix	0 Ix 0 Ix	0 Ix 0 Ix	0 Ix 0 Ix	0 Ix 0 Ix	0 Ix 0 Ix	0.15 lx 0.1 lx	0 Ix 0 Ix
Minimum illumination Condition	F2.0 AGC ON	F1.8 AGC ON	F2.0 AGC ON	F1.8 AGC ON	F1.2 AGC ON	F1.2 AGC ON	F1.2 AGC ON	F1.2 AGC ON
Signal system	PAL	PAL	PAL	PAL	PAL	PAL	PAL	PAL
Video output	VBS:1.0Vp-p	VBS:1.0Vp-p	VBS:1.0Vp-p	VBS:1.0Vp-p	VBS:1.0Vp-p	VBS:1.0Vp-p	VBS:1.0Vp-p	VBS:1.0Vp-p
S/N ratio	More than 55 dB	More than 55 dB (AGC Off)	More than 55 dB (AGC Off)	More than 55 dB (Weight: CN)	More than 55 dB (AGC Off)			
Synchronization	Internal Only	Internal Only	Internal Only	Internal Only	Internal/AC line lock selectable	Internal/AC line lock selectable	Internal/AC line lock selectable	Internal/AC line lock selectable
Gain control	Auto	Auto	Auto	Auto	Auto (on/off)	Auto (on/off)	Auto/Manual	Auto (on/off)
Shutter Speed	Auto	Auto	Auto	Auto	Fixed (1/50 s)	Fixed (1/50 s)	1/1 sec ~ 1/10000 sec	Fixed (1/50 s)
White balance	ATW (2000K~10000K)	ATW (2000K~10000K)	ATW (2000K~10000K)	ATW (2000K~10000K)	ATW (2000K~10000K), ATW-pro (2500K~6000K)	ATW (2000K~10000K), ATW-pro (2500K~6000K)	ATW/Auto/One Push/ Indoor/Outdoor/ Sodium Lamp/Manual	ATW (2000K~10000K), ATW-pro (2500K~6000K)
Lens type	Mono-focal type	Mono-focal type	Mono-focal type	Mono-focal type	Vari-focal type	Vari-focal type	Auto-focus zoom lens	Vari-focal type
Lens Mount	-	-	-	-	-	-	-	-
Focal Length	f = 3.1 mm	f = 6 mm	f = 3.1 mm	f = 6 mm	f = 2.8 to 10.5 mm	f = 2.8 to 10.5 mm	f = 3.4 to 122.4 mm	f = 2.8 to 10.5 mm
Zoom Ratio	-	-	-	-	Optical 3.7 x	Optical 3.7 x	Optical 36x, Digital 12x	Optical 3.7 x
F number	F2.0	F1.8	F2.0	F1.8	F1.2 (Wide), F2.7 (Tele)	F1.2 (Wide), F2.7 (Tele)	F1.6 (Wide), F4.5 (Tele)	F1.2 (Wide), F2.7 (Tele)
Angle of View (H)	96.3 degree	46.5 degree	96.3 degree	46.5 degree	101.8 to 27.4 degree	101.8 to 27.4 degree	57.8 to 1.7 degree	101.8 to 27.4 degree
Panning range	355 degree	360 degrees endless rotation	355 degree					
Tilting range	±66 degree	210 degrees	±77 degree					
Swivel range	350 degree	-	350 degree					
Minimum object distance	0.4 M	0.8 M	0.4 M	0.8 M	0.3 M	0.3 M	320 mm (wide), 1,500 mm (tele)	0.3 M
IR LED Number	10 pcs	-	14 pcs					
IR LED effective distance	5 M @50 IRE	5 M @50 IRE	10 M @50 IRE	10 M @50 IRE	16 M @50 IRE	16 M @50 IRE	-	30 M @50 IRE
Wide Dynamic Range	-	-	-	-	-	-	-	-
Back light compensation	Yes (IBLC)	Yes (IBLC)	Yes (IBLC)	Yes (IBLC)	Yes (IBLC, on/off)	Yes (IBLC, on/off)	Yes	Yes (IBLC, on/off)
Noise Reduction	2DNR	2DNR	2DNR	2DNR	2DNR	2DNR	Yes	2DNR
Automatic tone reproduction	Yes (ATR-Lite)	Yes (ATR-Lite)	Yes (ATR-Lite)	Yes (ATR-Lite)	Yes (ATR-Lite, on/off)	Yes (ATR-Lite, on/off)	Yes	Yes (ATR-Lite, on/off)
OSD	-	-	-	-	-	-	-	-
User presets	-	-	-	-	-	-	-	-
RS485	-	-	-	-	-	-	-	-
GPIO In	-	-	-	-	-	-	-	-
GPIO Out	-	-	-	-	-	-	-	-
Back focus adjustment	-	-	-	-	-	-	-	-
Slow Shutter	-	-	-	-	-	-	-	-
Privacy Masking	-	-	-	-	-	-	-	-
Operating temperature	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C					
Storage temperature	-40 °C to +60 °C	-20 °C to +60 °C	-40 °C to +60 °C					
Operating humidity	20 % to 80 %	20 % to 80 %	20 % to 80 %					
Storage humidity	20 % to 95 %	20 % to 95 %	20 % to 95 %					
Power requirement	DC12 V±10 %	DC12 V±10 %	DC12 V±10 %	DC12 V±10 %	AC24 V±10 %, DC12 V±10 %	AC24 V±10 %, DC12 V±10 %	AC24 V±10 %, DC12 V±10 %	AC24 V±10 %, DC12 V±10 %
Power consumption	Max 2.7 W	Max 2.7 W	Max 2.9 W	Max 2.9 W	Max 4.2 W	Max 4.2 W	Max 19 W	Max 5.5 W
Mass	280 g	280 g	280 g	280 g	320 g	320 g	1.7 Kg (including ceiling bracket)	900 g
Dimensions	121.6 mm x 86.5 mm (Ø x H)	147.4 mm x 190.9 mm (Ø x H)	139.4 mm x 103 mm (Ø x H)					
Supplied accessories	Template (1), Operation instructions (1)	Ceiling bracket (1), Operating instructions (1), Screw (2), Template (1), 24V AC connector (1), I/O connector (1), Bracket (1), Template (1), Fall-prevention rope (1), Camera unit mounting screw (2), screw M4x8 (1), Wrench (1), Installation manual (1)						

Video Security Analogue Line-up 2012



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Indoor Mini Dome

Model	WIDE DYNAMIC		FIX DOME							
	SSC-FM531	SSC-FM561	SSC-N11	SSC-N12	SSC-N13	SSC-N14	SSC-N20	SSC-N21	SSC-N22	SSC-N24
Image device	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" 760H Super HAD CCD II	1/3" 760H Super HAD CCD II	1/3" 960H EXview HAD CCD II	1/3" 960H EXview HAD CCD II	1/3" 760H Super HAD CCD II	1/3" 960H EXview HAD CCD II	1/3" 760H Super HAD CCD II	1/3" 960H EXview HAD CCD II
Day/Night	Electrical D/N	Optical D/N	Electrical D/N	Electrical D/N	Electrical D/N	Electrical D/N	Electrical D/N	Optical D/N	Optical D/N	Optical D/N
Number of effective pixels	Approx. 570,000 pixels 976 (H) x 582 (V)	Approx. 570,000 pixels 976 (H) x 582 (V)	Approx. 440,000 pixels 752 (H) x 582 (V)	Approx. 440,000 pixels 752 (H) x 582 (V)	Approx. 570,000 pixels 976 (H) x 582 (V)	Approx. 570,000 pixels 976 (H) x 582 (V)	Approx. 440,000 pixels 752 (H) x 582 (V)	Approx. 440,000 pixels 976 (H) x 582 (V)	Approx. 570,000 pixels 752 (H) x 582 (V)	Approx. 570,000 pixels 976 (H) x 582 (V)
Horizontal resolution	700 TVL	700 TVL	540 TVL	540 TVL	650 TVL	650 TVL	540 TVL	650 TVL	540 TVL	650 TVL
Vandal Resistant	-	-	-	-	-	-	-	-	-	-
Ingress Protection	-	-	-	-	-	-	-	-	-	-
Minimum illumination Color	50IRE 0.1 lx 30IRE 0.06 lx	0.1 lx 0.55 lx 0.35 lx 0.18 lx	0.30 lx 0.40 lx 0.20 lx 0.18 lx	0.30 lx 0.15 lx 0.08 lx 0.08 lx	0.15 lx 0.15 lx 0.08 lx 0.08 lx					
Minimum illumination B/W	50IRE 0.07 lx 30IRE 0.05 lx	0.01 lx 0.30 lx 0.20 lx	0.20 lx 0.25 lx 0.20 lx 0.10 lx	0.03 lx 0.03 lx 0.03 lx 0.03 lx	0.01 lx 0.01 lx 0.01 lx 0.01 lx	0.01 lx 0.01 lx 0.01 lx 0.01 lx	0.01 lx 0.01 lx 0.005 lx 0.003 lx	0.01 lx 0.01 lx 0.005 lx 0.003 lx	0.01 lx 0.01 lx 0.01 lx 0.003 lx	0.01 lx 0.01 lx 0.01 lx 0.01 lx
Minimum Illumination Condition	F1.2, 50IRE, AGC ON,Turbo mode	F1.2, 50IRE, AGC ON,Turbo mode	F2.0 AGC ON	F1.8 AGC ON	F1.2 AGC ON					
Signal system	PAL	PAL	PAL	PAL	PAL	PAL	PAL	PAL	PAL	PAL
Video output	VBS1.0Vp-p	VBS1.0Vp-p	VBS1.0Vp-p	VBS1.0Vp-p	VBS1.0Vp-p	VBS1.0Vp-p	VBS1.0Vp-p	VBS1.0Vp-p	VBS1.0Vp-p	VBS1.0Vp-p
S/N ratio	More than 55 dB (AGC Off)	More than 55 dB (AGC Off)	More than 55 dB (AGC Off)	More than 55 dB (AGC Off)	More than 55 dB (AGC Off)	More than 55 dB (AGC Off)	More than 55 dB (AGC Off)	More than 55 dB (AGC Off)	More than 55 dB (AGC Off)	More than 55 dB (AGC Off)
Synchronization	Internal/AC line lock selectable	Internal/AC line lock selectable	Internal Only	Internal Only	Internal Only	Internal/AC line lock selectable				
Gain control	OFF/Normal/Turbo/ Manual	OFF/Normal/Turbo/ Manual	Auto (on/off)							
Shutter Speed	1/50 to 1/10,000 (12 steps), OFF/MANUAL/CCD-IRIS selectable	1/50 to 1/10,000 (12 steps), OFF/MANUAL/CCD-IRIS selectable	Auto	Auto	Auto	Fixed (1/50 s)				
White balance	ATW/ATW-PRO/3200K/5600K/ Manual	ATW/ATW-PRO/3200K/5600K/ Manual	ATW (2000K-10000K)							
Lens type	Vari-focal type	Vari-focal type	Mono-focal type	Mono-focal type	Mono-focal type	Vari-focal type				
Lens Mount	-	-	-	-	-	-	-	-	-	-
Focal Length	f = 2.8 to 10.5 mm	f = 2.8 to 10.5 mm	f = 3.0 mm	f = 6.0 mm	f = 6.0 mm	f = 2.8 to 10.5 mm	f = 2.8 to 10.5 mm	f = 2.8 to 10.5 mm	f = 2.8 to 10.5 mm	f = 2.8 to 10.5 mm
Zoom Ratio	Optical 3.7 x	Optical 3.7 x	Optical 3.7 x	Optical 3.7 x	Optical 3.7 x	Optical 3.7 x	Optical 3.7 x	Optical 3.7 x	Optical 3.7 x	Optical 3.7 x
F number	F1.2 (Wide), F2.6 (Tele)	F1.2 (Wide), F2.6 (Tele)	F2.0	F1.8	F1.8	F1.2 (Wide), F2.6 (Tele)				
Angle of View (H)	99.5 to 27.4 degree	101.8 to 27.4 degree	95.9 degree	46 degree	95.9 degree	99.5 to 27.4 degree	101.8 to 27.4 degree	101.8 to 27.4 degree	101.8 to 27.4 degree	101.8 to 27.4 degree
Panning range	355 degree	355 degree	340 degree	340 degree	340 degree	355 degree				
Tilting range	±77 degree	±77 degree	±45.3 degree	±75 degree	±45.3 degree	±77 degree	±77 degree	±77 degree	±77 degree	±77 degree
Swivel range	350 degree	350 degree	340 degree	340 degree	340 degree	350 degree				
Minimum object distance	0.3 M	0.3 M	0.4 M	0.4 M	0.4 M	0.3 M				
IR LED Number	-	-	-	-	-	-	-	-	-	-
IR LED effective distance	-	-	-	-	-	-	-	-	-	-
Wide Dynamic Range	75 dB typical	75 dB typical	-	-	-	-	-	-	-	-
Back light compensation	OFF/DynaViewSX/ IBLC/SPOT	OFF/DynaViewSX/ IBLC/SPOT	Yes (IBLC, on/off)							
Noise Reduction	Yes (2D/3DNR, Weak/ Normal/Strong)	Yes (2D/3DNR, Weak/ Normal/Strong)	Yes (2DNR, on/off)							
Automatic tone reproduction	Yes (DynaViewSX mode only)	Yes (DynaViewSX mode only)	Yes (ATR-Lite, on/off)							
OSD	Yes	Yes	-	-	-	-	-	-	-	-
User presets	A/B Preset selectable	A/B Preset selectable	-	-	-	-	-	-	-	-
RS485	-	-	-	-	-	-	-	-	-	-
GPIO In	-	x 1 (Day/Night Control)	-	-	-	-	-	-	-	-
GPIO Out	-	x 1 (Day/Night Control)	-	-	-	-	-	-	-	-
Back focus adjustment	-	-	-	-	-	-	-	-	-	-
Slow Shutter	OFF/x24/x8/x16/ x32/x64/x128/x256/ x512	OFF/x24/x8/x16/ x32/x64/x128/x256/ x512	-	-	-	-	-	-	-	-
Privacy Masking	ON/OFF selectable (with area setting function)	ON/OFF selectable (with area setting function)	-	-	-	-	-	-	-	-
Operating temperature	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C
Storage temperature	-40°C to +60°C	-40°C to +60°C	-40°C to +60°C	-40°C to +60°C	-40°C to +60°C	-40°C to +60°C	-40°C to +60°C	-40°C to +60°C	-40°C to +60°C	-40°C to +60°C
Operating humidity	20 % to 80 %	20 % to 80 %	20 % to 80 %	20 % to 80 %	20 % to 80 %	20 % to 80 %	20 % to 80 %	20 % to 80 %	20 % to 80 %	20 % to 80 %
Storage humidity	20 % to 95 %	20 % to 95 %	20 % to 95 %	20 % to 95 %	20 % to 95 %	20 % to 95 %	20 % to 95 %	20 % to 95 %	20 % to 95 %	20 % to 95 %
Power requirement	AC24 V±10%, DC12 V±10%	AC24 V±10%, DC12 V±10%	DC12V±10%	DC12V±10%	DC12V±10%	AC24 V±10%, DC12 V±10%				
Power consumption	Max 2.8 W	Max 2.8 W	Max 0.9 W	Max 0.9 W	Max 0.9 W	Max 1.5 W	Max 1.7 W	Max 1.7 W	Max 1.7 W	Max 1.7 W
Mass	320 g	330 g	125 g	140 g	125 g	320 g				
Dimensions	Ø 121.6 mm x 86.5 mm	Ø 121.6 mm x 86.5 mm	84 mm x 53 mm (Ø x H)	85.2 mm x 63.5 mm (Ø x H)	84 mm x 53 mm (Ø x H)	121.6 mm x 86.5 mm (Ø x H)	121.6 mm x 86.5 mm (Ø x H)	121.6 mm x 86.5 mm (Ø x H)	121.6 mm x 86.5 mm (Ø x H)	121.6 mm x 86.5 mm (Ø x H)
Supplied accessories	Operating Instructions x 1, Menu Instructions x 1, Template x 1	Operating Instructions x 1, Menu Instructions x 1, Template x 1	Operating Instructions x 1	Operating Instructions x 1	Operating Instructions x 1	Operating Instructions x 1, Template x 1	Operating Instructions x 1, Template x 1	Operating Instructions x 1, Template x 1	Operating Instructions x 1, Template x 1	Operating Instructions x 1, Template x 1

Indoor Box

Indoor Box											
WIDE DYNAMIC			BOX			INDOOR BOX					